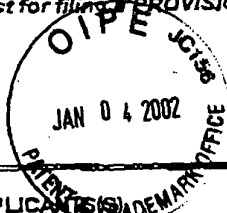


649 U.S. PTO
04/01/99

PROVISIONAL APPLICATION FOR PATENT UNDER 37 CFR §1.53(b)(2).
This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR §1.53(b)(2).



Docket No.
99,101

Type a plus sign (+)
inside this box:

+

INVENTOR(S)/APPLICANT(S)

LAST NAME

FIRST NAME

MIDDLE
INITIAL

RESIDENCE
(City and either state or foreign country)

Kapur

Ravi

Pittsburgh, PA

Adams

Terri

Pittsburgh, PA

Giuliano

Ken

Pittsburgh, PA

TITLE OF THE INVENTION (280 character maximum)

Design and Fabrication of Spatially Controlled Miniaturized Organ Systems from Stem Cells

CORRESPONDENCE ADDRESS

McDonnell Boehnen Hulbert & Berghoff
300 South Wacker Drive, Chicago

STATE

Illinois

ZIP CODE

60606

COUNTRY

U.S.A.

ENCLOSED APPLICATION PARTS (check all that apply)

X
X

Specification
Drawing(s)

Number of Pages 19

☐

Small Entity Statement

Number of Sheets within specification

☐

Other (specify):

METHOD OF PAYMENT FOR THIS PROVISIONAL APPLICATION FOR PATENT

A check or money order is enclosed to cover the Provisional
Filing Fee.

XX

The Commissioner is hereby authorized to charge filing fees
and credit Deposit Account Number: 13-2490.

PROVISIONAL
APPLICATION FOR
PATENT FILING FEE
AMOUNT (\$)

75.00

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.
☒ No. ☐ Yes, the name of the U.S. Government agency and the Government contract number are: _____

Respectfully submitted,
SIGNATURE: _____

Date: 4/1/99

TYPED or PRINTED NAME David Harper

REG. NO. 42,636

Additional inventors are being named on separately numbered sheets attached hereto.

USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

Bursen Hour Statement: This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Office of Assistance Quality and Enhancement Division, Patent and Trademark Office, Washington, D.C. 20231, and to the Office of Information and Regulatory Affairs, Office of Management and Budget (Project 0631-0000), Washington, D.C. 20503. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

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THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 99,101)

PATENT

TECH CENTER 1600/2900

JAN 10 2002

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In re Application of:

Kapur et al.

Serial No.: To be Assigned

Filed: Herewith

For: Design and Fabrication of Spatially Controlled
Miniaturized Organ Systems from Stem Cells

Art Unit:

Examiner:

Asst. Commissioner for Patents
BOX PROVISIONAL APPLICATION
Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

1. We are transmitting herewith the attached papers for the above identified new provisional patent application:

- ☒ Patent Specification (19 pages, including cover sheet, claims, and abstract)
- ☒ Drawings (within specification)
- ☒ Return Postcard
- ☒ Other: Provisional Application Cover Sheet, Verified Statement claiming small entity status

2. ☐ A check in the amount of \$75.00 is enclosed for the Filing Fee.

☒ Please charge the total filing fee of \$75.00 to our Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.

3. **GENERAL AUTHORIZATION TO CHARGE OR CREDIT FEES:** Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.

4. **CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 CFR § 1.110:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" in an envelope addressed to: Asst. Commissioner for Patents, Box New Application, Washington, D.C. 20231, on this 1st day of April, 1999. Express Mail No. EM366140528US

By: [Signature]

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